

Title (en)
SMOKE EVACUATION SYSTEM

Title (de)
RAUCHEVAKUIERSYSTEM

Title (fr)
SYSTEME D'EVACUATION DE FUMEE

Publication
EP 1039961 B1 20050831 (EN)

Application
EP 98963767 A 19981123

Priority
• US 9825062 W 19981123
• US 6633197 P 19971121
• US 4626598 A 19980323

Abstract (en)
[origin: EP1584342A1] A smoke evacuating system for use during surgical procedures, particularly minimally invasive procedures involving the use of a laser or cautery at a surgical site having an associated higher than ambient pressure, includes a filter 16 with a site side and an outlet side and a fluid conduit 18 extending between the surgical site and the filter. The filter 16 exhibits low resistance or a low pressure drop and resists fluid flow, whereby the higher than ambient pressure is not substantially diminished and generates a fluid flow in the fluid flow path tending to carry smoke to and through the filter. <IMAGE>

IPC 1-7
B01D 50/00; A61B 18/00

IPC 8 full level
A61B 19/00 (2006.01); **A61B 18/00** (2006.01); **B01D 46/00** (2006.01); **B01D 46/42** (2006.01)

CPC (source: EP US)
A61B 18/00 (2013.01 - EP US); **B01D 46/0012** (2013.01 - EP US); **B01D 46/0038** (2013.01 - EP US); **B01D 46/10** (2013.01 - EP US); **A61B 2218/008** (2013.01 - EP US); **B01D 2253/102** (2013.01 - EP US); **B01D 2275/10** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9931954 A2 19990701; WO 9931954 A3 19990910; AT E303196 T1 20050915; AU 1902199 A 19990712; AU 745154 B2 20020314; CA 2311424 A1 19990701; CA 2311424 C 20070213; DE 69831425 D1 20051006; DE 69831425 T2 20060622; DK 1039961 T3 20050919; EP 1039961 A2 20001004; EP 1039961 A4 20010117; EP 1039961 B1 20050831; EP 1039961 B8 20051102; EP 1584342 A1 20051012; ES 2245490 T3 20060101; IL 136254 A0 20010520; IL 136254 A 20040512; JP 2001526070 A 20011218; MX PA00005001 A 20040521; NZ 504745 A 20030630; PT 1039961 E 20051130; US 2003183082 A1 20031002; US 2005102981 A1 20050519; US 2007225664 A1 20070927; US 2011041468 A1 20110224; US 6110259 A 20000829; US 6589316 B1 20030708; US 6881236 B2 20050419; US 7258712 B2 20070821; US 7789946 B2 20100907; US 7959698 B2 20110614

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US 9825062 W 19981123; AT 98963767 T 19981123; AU 1902199 A 19981123; CA 2311424 A 19981123; DE 69831425 T 19981123; DK 98963767 T 19981123; EP 05010079 A 19981123; EP 98963767 A 19981123; ES 98963767 T 19981123; IL 13625498 A 19981123; JP 2000524969 A 19981123; MX PA00005001 A 19981123; NZ 50474598 A 19981123; PT 98963767 T 19981123; US 1737404 A 20041220; US 40529703 A 20030402; US 4626598 A 19980323; US 54469500 A 20000407; US 69254807 A 20070328; US 85177810 A 20100806